AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of the claims in the Application. With reference to the listing it is noted that, herewith, claims 1-3, 5, 6, 9, 12, 18, 20, 22-24, and 29 are amended. No new matter has been added.

Listing of Claims

1. (Currently Amended) A method, comprising:

~~listening to~~ receiving a measurement about available downlink radio signals,

~~selecting~~ determining to select according to a predetermined criteria one of the available downlink radio signals, ~~and~~

~~changing~~ determining to change to the selected available downlink radio signal for in part performing a handover so that said handover is ~~only~~ performed only between a downlink of a digital generally bi-directional communications service and a digital generally unidirectional broadcast communications service, ~~wherein said handover is performed so that an uplink of the digital generally bi-directional communications service is maintained~~ and

determining to maintain to communicate, with completion of said handover, traffic via an uplink of the digital generally bi-directional communications service, wherein the traffic was communicated, prior to said handover, via the uplink.

2. (Currently Amended) A method as claimed in claim 1, wherein the changing includes ~~receiving~~ determining to send a partial handover command.

3. (Currently Amended) A method as claimed in claim 2, wherein a ~~terminal~~ user apparatus ~~is adapted~~ determines to listen to the downlink radio signal, and determines to send a report on a listening result to a network element deciding the handover.

4. (Previously Presented) A method according to claim 1, wherein said method comprises performing the handover from a digital broadband data communication domain to a cellular mobile data communication domain or vice versa.

5. (Currently Amended) A method according to claim 1, wherein said method comprises selecting the downlink radio signal ~~by means of~~ via a measurement signalling structure of Intersystem handover of UMTS for the handover between said services.

6. (Currently Amended) A method according to claim 1, wherein said handover relates to a certain service ~~remaining~~ leaving any other service transmitted via networks of said services still usable for a ~~terminal~~ user apparatus.

7. (Original) A method according to claim 1, wherein, in said method, the handover process is adapted to use a native network level signalling for application independent handover between said services.

8. (Original) A method according to claim 1, wherein said services are adapted to pertain to domains comprising a hybrid network system containing at least two functionally different network systems.

9. (Currently Amended) A method according to claim 1, wherein the method further comprises ~~continuing~~ determining to continue unidirectional communication service reception in another cell area from current downlink communication received in a first cell area.

10. (Original) A method according to claim 1, wherein the digital generally unidirectional communications service pertains to a domain comprising DVB-T cells establishing a DVB-T network.

11. (Original) A method according to claim 1, wherein the digital generally unidirectional communications service comprises a wireless multi-carrier signal transmission.

12. (Currently Amended) A method according to claim 1, wherein said services pertain to domains comprising cells of wireless cellular networks and a ~~terminal~~ user apparatus is adapted to wirelessly communicate with said domains.

13. (Previously Presented) An apparatus, comprising: a processor configured to perform the method according to claim 1 when in operation.

14. (Canceled)

15. (Canceled)

16. (Previously Presented) An article of manufacture, comprising a computer readable medium containing computer readable program code configured to perform the method of claim 1 when run on a computer.

17. (Canceled)

18. (Currently Amended) A method ~~for performing a handover of a service from a cellular mobile data communication domain to a digital broadcast data communication domain~~, ~~the method~~ comprising:

~~measuring~~ determining to measure, at a user apparatus, received downlink radio signals of ~~said domains~~ a cellular mobile data communication domain and a digital broadcast data communication domain ~~at a terminal~~,

~~sending~~ determining to send a measurement report of said received downlink radio signals to said cellular mobile data communication domain,

~~reserving resources of the digital broadcast data communication domain by communicating between the cellular data communication domain and the digital broadcast data communication domain,~~

~~sending~~ receiving a handover command [[to]] at said ~~terminal~~ user apparatus ~~from the cellular mobile data communication domain~~ for changing to another available downlink radio signal, ~~and~~

~~sending~~ determining to send a confirmation from said ~~terminal~~ user apparatus to the digital broadcast data communication domain for moving ~~the~~ a downlink service delivered via the cellular mobile data communication domain to the digital broadcast data communication

domain, wherein ~~the~~ a handover corresponding to said command comprises a partial handover so that the signals and service relating to ~~the~~ a downlink of the cellular mobile data communication domain are configured to be handed over to the digital broadcast data communication domain, ~~wherein said handover is performed so that an uplink of the cellular mobile data communication domain is maintained~~ and

determining to maintain to communicate, with completion of said handover, traffic via an uplink of the cellular mobile data communication domain, wherein the traffic was communicated, prior to said handover, via the uplink.

19. (Previously Presented) A method according claim 18, further comprising communicating in such a way that the cellular mobile data communication domain requests resources from the digital broadcast data communication domain, and obtaining an acknowledgement on available resources of the digital broadcast data communication domain at the cellular data communication domain.

20. (Currently Amended) A method, ~~for performing a handover of a service from a digital broadcast data communication domain to a cellular mobile data communication domain, the method~~ comprising:

~~measuring~~ determining to measure, at a user apparatus, received downlink radio signals of ~~said domains~~ a digital broadcast data communication domain and a cellular mobile data communication domain ~~at a terminal~~,

~~sending~~ determining to send a measurement report of said received downlink radio signals to said digital broadcast data communication domain,

~~reserving downlink resources of the cellular mobile data communication domain by communicating between the digital broadcast data communication domain and the cellular mobile data communication domain,~~

~~sending~~ receiving a handover command [[to]] at said ~~terminal~~ user apparatus ~~from the digital broadcast data communication domain~~ for changing to another available downlink radio signal, ~~and~~

~~sending~~ determining to send a confirmation from said ~~terminal~~ user apparatus to the cellular mobile data communication domain for moving ~~the~~ a downlink service delivered via the digital broadcast data communication domain to ~~the~~ a downlink of the cellular mobile data communication domain, wherein ~~the~~ a handover corresponding to said command comprises a partial handover so that signals and service relating to the digital broadcast data communication domain are configured to be handed over to ~~the~~ a downlink of the cellular mobile data communication domain, ~~and wherein said handover is performed so that an uplink of the cellular mobile data communication domain is maintained~~ and

determining to maintain to communicate, with completion of said handover, traffic via an uplink of the cellular mobile data communication domain, wherein the traffic was communicated, prior to said handover, via the uplink.

21. (Previously Presented) A method according to claim 20, further comprising communicating in such a way that the digital broadcast data communication domain requests resources of the cellular mobile communication domain, and obtaining an acknowledgement on available resources of the cellular mobile communication domain at the digital broadcast data communication domain.

22. (Currently Amended) ~~A system for controlling a handover of a terminal between a digital generally bi-directional communications service and a digital generally unidirectional broadcast communications service~~ An apparatus, comprising:

a processor; and

a memory including computer program code, the memory and the computer program code configured to, with the processor, cause the apparatus at least to perform:

~~means for listening~~ determine to measure available downlink radio signals,

determine to transmit the measurements,

~~means for selecting according to a predetermined criteria between the available~~ receive a handover command for changing to another available downlink radio ~~signals~~ signal, ~~and~~

~~means for changing to another available downlink radio signal~~ determine to transmit a confirmation for in part performing ~~said~~ a handover corresponding to said command so that said handover is configured to be established only between ~~the~~ a downlink of ~~the~~ a digital generally bi-directional communications service and ~~the~~ a digital generally unidirectional broadcast communications service, ~~wherein said handover is performed so that an uplink of the digital generally bi-directional communications service is maintained~~ and

determine to maintain to communicate, with completion of said handover, traffic via an uplink of the digital generally bi-directional communications service, wherein the traffic was communicated, prior to said handover, via the uplink.

23. (Currently Amended) ~~A user terminal~~ An apparatus ~~for adapting a handover of the terminal between a digital generally bi-directional communications service and a digital generally unidirectional broadcast communications service~~, comprising:

a receiver ~~for~~ configured to determine to ~~measuring~~ measure available downlink radio signals,

a transceiver ~~for~~ configured to determine to ~~transmitting~~ transmit the measurements,

said receiver further ~~for~~ configured to ~~receiving~~ receive a handover command for changing to another available downlink radio signal, and

said transceiver further ~~for~~ configured to determine to ~~transmitting~~ transmit a confirmation for in part performing ~~said~~ a handover corresponding to said command so that said handover is ~~only~~ configured to be established only between ~~the~~ a downlink of ~~the~~ a digital generally bi-directional communications service and ~~the~~ a digital generally unidirectional broadcast communications service, ~~wherein said handover is performed so that an uplink of the digital generally bi-directional communications service is maintained~~ and determine to maintain to communicate, with completion of said handover, traffic via an uplink of the digital generally bi-directional communications service, wherein the traffic was communicated, prior to said handover, via the uplink.

24. (Currently Amended) ~~A network entity~~ An apparatus ~~for controlling a handover of a service between a digital generally bi-directional communications domain and a digital generally unidirectional broadcast communications domain~~, comprising:

~~means for~~ a receiver configured to ~~receiving~~ receive a measurement about available downlink radio signals,

~~means for~~ a processor configured to determine to ~~selecting~~ select according to a predetermined criteria between the available downlink radio signals, ~~and~~

~~means for~~ said processor further configured to determine to ~~changing~~ change to another available downlink radio signal for in part performing ~~said~~ a handover so that said handover is ~~only~~ configured to be established only between ~~the~~ a downlink of ~~the~~ a digital generally bi-directional communications domain and ~~the~~ a digital generally unidirectional broadcast communications domain, ~~wherein said handover is performed so that an uplink of the digital generally bi-directional communications domain is maintained~~ and

said processor further configured to determine to maintain to communicate, with completion of said handover, traffic via an uplink of the digital generally bi-directional communications domain, wherein the traffic was communicated, prior to said handover, via the uplink.

25. (Previously Presented) A method as claimed in claim 1, wherein uplink can be maintained when said partial handover is performed.

26. (Previously Presented) A method as claimed in claim 1, wherein the partial handover relates only to downlink radio communications.

27. (Previously Presented) A method as claimed in claim 26, wherein the partial handover relates only to downlink radio communications of the generally bi-directional communications service and the generally unidirectional broadcast communications service.

28. (Previously Presented) A method as claimed in claim 1, wherein the partial handover is configured to be related to the service between a transmission of the generally unidirectional broadcast communications service and a transmission of the downlink of the generally bi-directional communications service.

29. (Currently Amended) A method as claimed in claim 1, further comprising ~~maintaining~~ determining to maintain on a basis of said uplink a bi-directional interaction channel to the digital generally unidirectional broadcast communication service.